UB960-2

uebr

Utah Economic and Business Review

Volume 50
Numbers 5 and 6
May/June 1990

BEBR

graduate school
of business
bureau of economic and
business research
university of utah

PERSONAL INCOME IN UTAH COUNTIES, 1988

Boyd L. Fjeldsted
Senior Research Economist

The Bureau of Economic and Business Research of the University of Utah has been designated a member of the BEA User Group by the United States Department of Commerce, Bureau of Economic Analysis. As such, the Bureau of Economic and Business Research annually receives unpublished BEA estimates of county personal income for the purpose of providing public dissemination of the information. The data in Table 1 have been obtained from the most recently released BEA county personal income estimates for the State of Utah.

Personal Income and Its Components

Personal Income is defined by the BEA to comprise the money value of current income received from all sources by, or on behalf of, persons residing in a given geographical area, including income received in both monetary and non-monetary forms. Specifically, personal income consists of:

- Wage and salary disbursements, excluding social security taxes and other personal contributions for social insurance paid by employees.
- Other labor income, which consists of employer contributions for private life and medical insurance, private retirement programs and other private "fringe" benefits.
- Net income of owners of unincorporated enterprises, excluding self-employed contributions for social security and other social insurance.
- Property income, including dividends, interest and rent.
- Transfer payments, i.e., personal payments by government or business for which no services are currently rendered.

Income derived from participation in the work force is referred to as *labor and proprietors' income* or *earnings* and includes (1) wage and salary disbursements, (2) other labor income and (3) net income of owners of unincorporated enterprises. *Net labor and proprietors' income* or *net earnings* is arrived at by deducting social security taxes and other social insurance contributions

paid by workers, including self-employment contributions paid by owners of unincorporated enterprises. Since wage and salary disbursements and other labor income are reported on a place-of-work basis, labor and proprietors' income must be adjusted for the effect of interarea commuting in order to arrive at the earnings component of personal income (which is defined on a place-of-residence basis). This adjustment is accomplished by estimating the difference between the net earnings of persons who reside in a given area but who work in other areas, and the net earnings of persons who work in the given area but reside in other areas. This difference is referred to as the *residence adjustment*.

BEA Income Imputations

It should be noted that the BEA personal income estimates include imputations or allowances for the value of certain types of income realizations, even though no monetary transaction is involved. These include imputations for:

- wages and salaries paid in kind, i.e., in the form of food, clothing or lodging;
- rental value of owner-occupied dwelling units;
- food and fuel produced and consumed on farms; and
- interest earned on money deposited with financial intermediaries for which no interest is actually paid or credited.

This last item includes, for example, an imputation for the interest earning potential of ordinary bank demand deposit accounts, even though banks do not ordinarily pay interest on such accounts. For the state as a whole, imputed interest amounts to roughly 35 percent of total interest, while imputed rent amounts to approximately 40 percent of total rent.

BEA Person Concept

It should be further noted that personal income as defined by the Bureau of Economic Analysis includes the income of certain legal entities not ordinarily regarded as "persons," including non-profit institutions serving individuals, private non-insured pension funds, health and welfare funds and private trust funds. In effect the current earnings of these organizations are credited directly to the ultimate beneficiaries for personal income accounting purposes. Since such organizations are considered to be persons, benefit payments by them to individuals are considered to be transfer payments among persons and not part of personal income. The undistributed earnings of life insurance carriers and private non-insured pension funds are also credited to persons for personal income accounting purposes.

County Income by Type and Industry

Table 1 presents the most recent Bureau of Economic Analysis county estimates of personal income broken down by type, and earnings broken down by industrial source. It should be stressed that personal income is presented on a place-of-residence basis, i.e., credited to the area of the recipient's residence; while labor and proprietors' income (earnings) is presented on a place-of-work basis, i.e., credited to the area in which the earning activity takes place.

Table 1 also reveals the industrial structure of income generation in Utah and its 29 counties. Somewhat surprising, perhaps, is the fact that in only six counties does farming account for more than 15 percent of total earnings. These six counties are Rich (with farming accounting for 48 percent of total earnings), Piute (39 percent), Beaver (23 percent), Wayne (18 percent), Morgan (17 percent) and Sanpete (16 percent). For the state as a whole, farming accounts for just over 1 percent of total earnings.

Those counties whose economies may be characterized as distinctly oriented toward mining (including oil and gas extraction) include Emery (where the mining sector accounts for 37 percent of total earnings), Carbon (36 percent), San Juan (21 percent) and Uintah (19 percent). Those counties whose economies have a distinctly manufacturing orientation include Box Elder (where manufacturing accounts for 70 percent of total earnings), Cache (27 percent), Weber (21 percent) and Utah (19 percent).

There are two counties whose economies are dominated by the federal government: Tooele (where federal government accounts for 61 percent of total earnings) and Davis (39 percent). In Daggett the federal government accounts for 28 percent of total earnings; but in addition the state and local government sector accounts for 23 percent of total

earnings—so that 51 percent of total earnings in Daggett comes from government employment.

There are only three counties for which property income and transfer payments account for 40 percent or more of total personal income. These are Piute (49 percent), Washington (44 percent) and Beaver (41 percent). The relatively high dependence of these counties on property income and transfer payments can be explained in part by the relatively high proportion of persons of retirement age in their populations. In 1980 Piute County, for example, led the state with 17 percent of its population age 65 or over. Washington and Beaver Counties were not far behind, with 13 to 14 percent of their populations being age 65 or over (U.S. Department of Commerce, Bureau of the Census, 1980 Census Report PC80-1-B46, Table 44).

Growth Sectors and Growth Counties

For the state as a whole both the durable and nondurable manufacturing sectors showed substantial growth in labor and proprietors' income between 1987 and 1988. Nondurable goods led the way, with an increase of 12 percent, followed by durable goods with an increase of 10 percent. Wholesale trade and services were not far behind, both with increases of 9 percent over the previous year. Farm earnings also continued to grow, with an increase of 8 percent over the previous year.

Those counties exhibiting relative growth in the nondurable goods manufacturing sector that was substantially higher than the state average were Box Elder (with an increase of 99 percent between 1987 and 1988), Utah (46 percent), Iron (23 percent) and Grand (21 percent). Those counties showing high growth in the durable goods manufacturing sector were Utah (with an increase of 36 percent), Cache (23 percent), San Juan (22 percent) and Summit (17 percent).

Those counties experiencing rapid growth in the wholesale trade sector were Summit (with an increase of 73 percent over the previous year), Utah (55 percent), Washington (21 percent), and Duchesne (17 percent). Those counties exhibiting relatively rapid growth in earnings in the services sector were Wayne (with an increase of 27 percent) Garfield (25 percent), Daggett (20 percent) and Wasatch (19 percent).

Six counties stood out in relative growth in personal income between 1987 and 1988. Rich recorded the highest (with an increase of 13 percent) followed by Daggett (12 percent), Utah (11 percent) Beaver (11 percent), Wasatch (10 percent) and Juab (10 percent).

Per Capita Personal Income

Per capita personal income figures for Utah counties in 1988 are also shown in Table 1 (on the second line). Summit County had the highest per capita personal income at $18,122, followed by Salt Lake ($13,430), Weber ($13,319) and Box Elder ($13,130). A per capita personal income time series for the State of Utah from 1979 to 1989 is presented in Table 2. These data show that Utah's position was 82 percent of the national average in 1979, but has since slipped to only 74 percent of the national average. It should be noted that the estimates of per capita personal income in Table 2 are based on Bureau of the Census revised state population estimates, whereas the estimates of per capita personal income in Table 1 are based on estimates of county population that have not been revised to reflect the revision in the state population estimates. This accounts for the slight discrepancy between the estimated per capita personal income for the State of Utah as shown in Table 1 as compared to Table 2.

Table 2
Utah Per Capita Personal Income
1979-1989

Year	Amount (dollars)	Percent of U.S. Average	State Rank
1979	7,407	82	41
1980	7,952	80	45
1981	8,660	79	45
1982	9,041	79	45
1983	9,400	78	45
1984	10,120	77	46
1985	10,653	77	47
1986[r]	11,052	76	47
1987[r]	11,521	74	47
1988[r]	12,180	74	48
1989[P]	13,027	74	47

[r] revised
[P] preliminary

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Figure 1
Total Personal Income by County
State of Utah, 1988

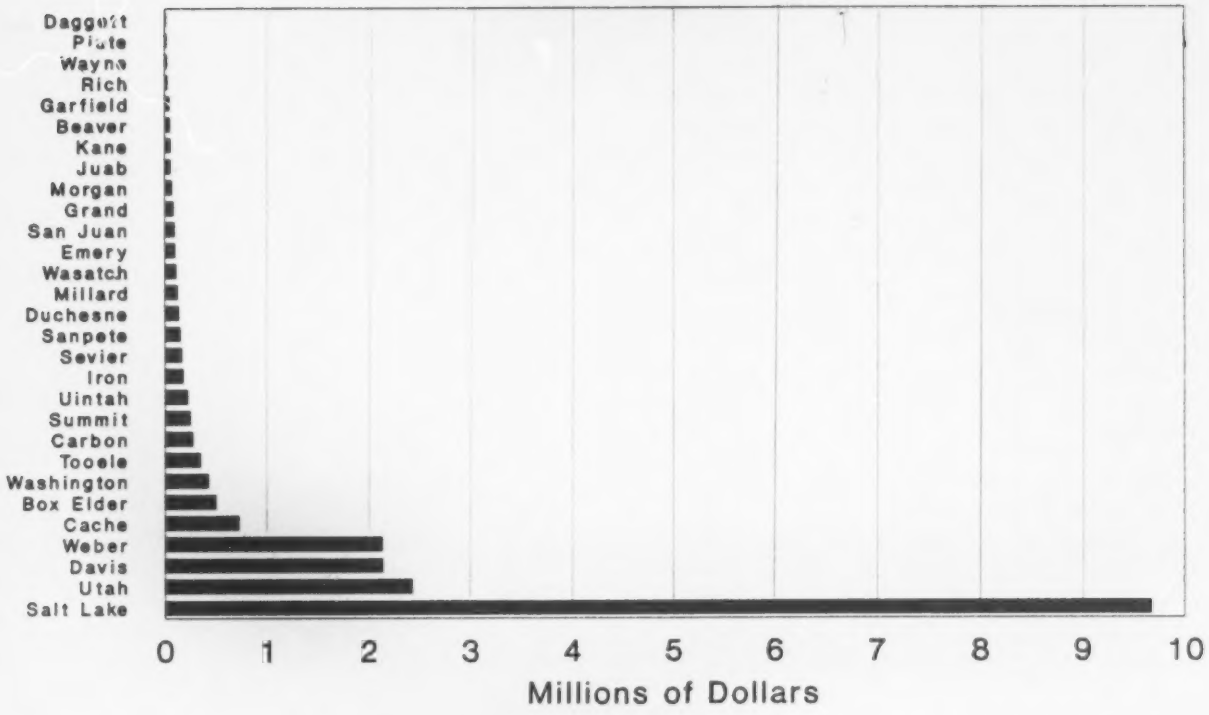
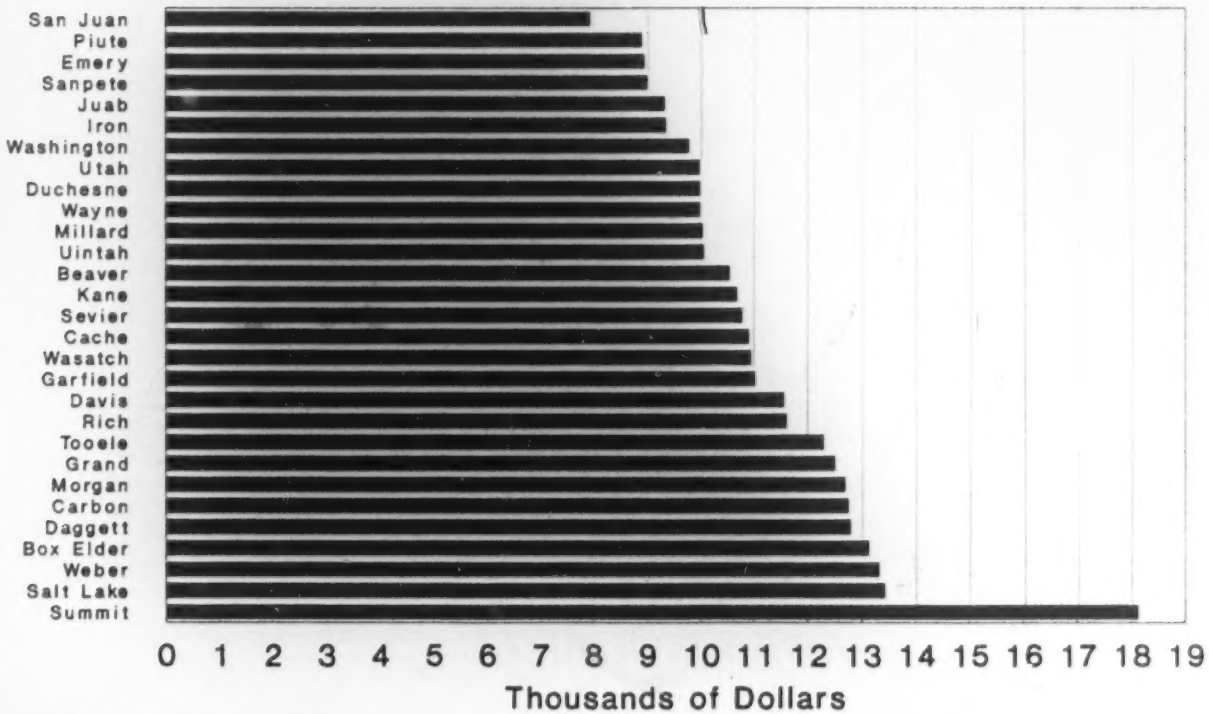


Figure 2
Per Capita Personal Income by County
State of Utah, 1988



Data Source: U.S. Department of Commerce

Figure 3
Percent Distribution of Earnings by Industrial Source — State of Utah, 1988

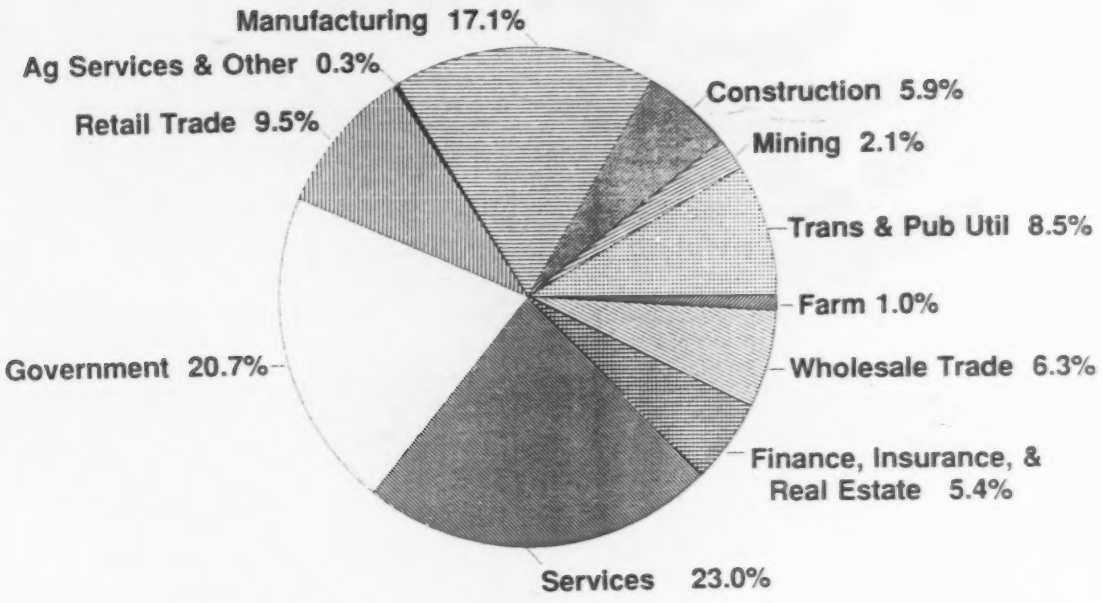
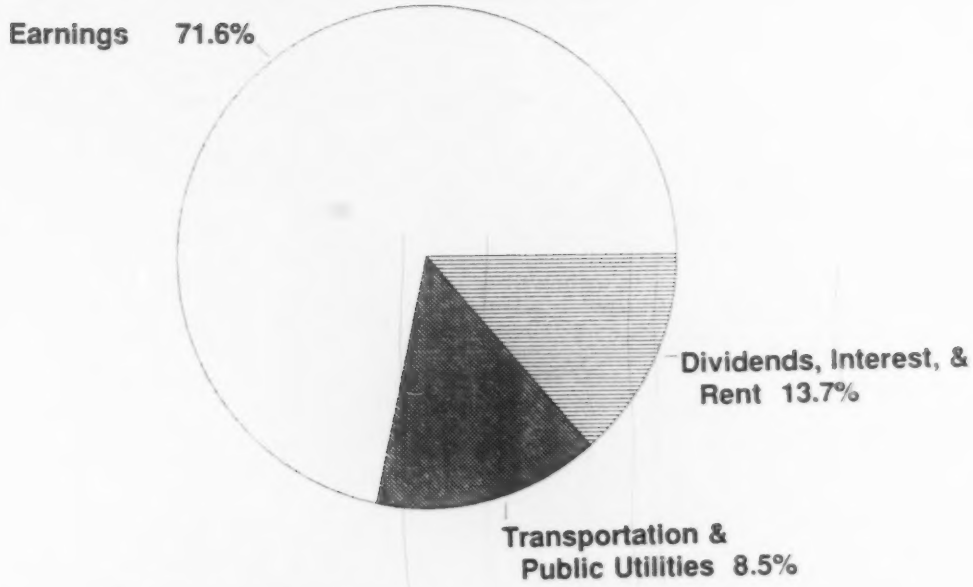


Figure 4
Percent Distribution of Personal Income by Type — State of Utah, 1988



Data Source: U.S. Department of Commerce

Table 1
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	State of Utah			Beaver			Box Elder		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	20,598,309	100.0[a]	6.4	50,122	100.0[a]	10.7	504,120	100.0[a]	6.5
Per capita personal income (dollars)	12,189	73.9[b]	5.8	10,556	64.0[b]	14.0	13,130	79.6[b]	5.3
Derivation of total personal income:									
Total earnings by place of work	15,645,576	100.0[c]	6.4	30,707	100.0[c]	14.7	508,028	100.0[c]	5.2
Less: Contributions for social insurance	991,002	6.3[c]	10.8	1,800	5.9[c]	20.3	31,587	6.2[c]	10.6
Plus: Residence adjustment	84,186	0.5[c]	19.9	599	2.0[c]	15.2	(94,063)	–18.5[c]	(U)
Equals: Net earnings by place of residence	14,738,760	71.6[a]	6.2	29,506	58.9[a]	14.4	382,378	75.9[a]	6.3
Plus: Dividends, interest, and rent	2,827,067	13.7[a]	8.7	8,897	17.8[a]	8.2	56,757	11.3[a]	8.5
Plus: Transfer payments	3,032,482	14.7[a]	5.7	11,719	23.4[a]	3.9	64,985	12.9[a]	6.1
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	12,896,892	82.4[c]	6.5	19,169	62.4[c]	10.4	410,977	80.9[c]	5.9
Other labor income	1,186,302	7.6[c]	7.4	1,652	5.4[c]	14.8	55,738	11.0[c]	6.0
Proprietors' income	1,562,382	10.0[c]	5.0	9,886	32.2[c]	24.2	41,313	8.1[c]	–2.7
Farm	150,860	1.0[c]	11.2	5,822	19.0[c]	43.0	16,108	3.2[c]	–8.5
Nonfarm	1,411,522	9.0[c]	4.4	4,064	13.2[c]	4.4	25,205	5.0[c]	1.3
Earnings by industry									
Farm	195,797	1.3[c]	8.0	6,947	22.6[c]	33.8	20,146	4.0[c]	–7.3
Nonfarm	15,449,779	98.7[c]	6.4	23,760	77.4[c]	10.1	487,882	96.0[c]	5.8
Private	12,216,190	78.1[c]	7.1	17,056	55.5[c]	10.9	454,202	89.4[c]	5.9
Agricultural services and other	47,979	0.3[c]	5.4	159	0.5[c]	9.7	(D)	(D)	(D)
Mining	328,813	2.1[c]	5.5	67	0.2[c]	(U)	(D)	(D)	(D)
Construction	923,235	5.9[c]	–0.9	1,924	6.3[c]	15.8	19,454	3.8[c]	6.2
Manufacturing	2,677,716	17.1[c]	10.8	1,179	3.8[c]	29.0	353,699	69.6[c]	5.4
Nondurable goods	700,666	4.5[c]	11.7	779	2.5[c]	(U)	5,151	1.0[c]	98.5
Durable goods	1,977,050	12.6[c]	10.4	400	1.3[c]	(U)	348,548	68.6[c]	4.7
Transportation and public utilities	1,324,443	8.5[c]	6.7	(D)	(D)	(D)	8,391	1.7[c]	28.2
Wholesale trade	984,769	6.3[c]	8.9	233	0.8[c]	–2.9	8,762	1.7[c]	6.4
Retail trade	1,490,954	9.5[c]	4.9	3,388	11.0[c]	7.2	25,574	5.0[c]	4.8
Finance, insurance, and real estate	842,351	5.4[c]	1.8	675	2.2[c]	13.1	5,307	1.0[c]	6.7
Services	3,595,930	23.0[c]	8.6	(D)	(D)	(D)	29,937	5.9[c]	3.0
Government	3,233,589	20.7[c]	3.9	6,704	21.8[c]	8.2	33,680	6.6[c]	4.0
Federal civilian	1,092,254	7.0[c]	3.7	1,073	3.5[c]	11.8	3,055	0.6[c]	11.2
Military	212,366	1.4[c]	1.7	216	0.7[c]	4.3	1,650	0.3[c]	2.9
State and local	1,928,969	12.3[c]	4.3	5,415	17.6[c]	7.7	28,975	5.7[c]	3.4

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Cache			Carbon			Daggett		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	729,129	100.0[a]	6.8	275,020	100.0[a]	3.4	9,518	100.0[a]	12.1
Per capita personal income (dollars)	10,922	66.2[b]	5.6	12,757	77.4[b]	6.5	12,793	77.6[b]	15.2
Derivation of total personal income:									
Total earnings by place of work	490,917	100.0[c]	7.0	184,558	100.0[c]	2.4	5,977	100.0[c]	13.1
Less: Contributions for social insurance	29,953	6.1[c]	12.4	12,028	6.5[c]	8.3	313	5.2[c]	8.7
Plus: Residence adjustment	54,758	11.2[c]	6.7	13,052	7.1[c]	11.7	1,417	23.7[c]	9.4
Equals: Net earnings by place of residence	515,722	70.7[a]	6.7	185,582	67.5[a]	2.7	7,081	74.4[a]	12.6
Plus: Dividends, interest, and rent	105,720	14.5[a]	8.5	35,503	12.9[a]	8.5	958	10.1[a]	9.1
Plus: Transfer payments	107,687	14.8[a]	5.4	53,935	19.6[a]	2.6	1,479	15.5[a]	11.8
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	387,440	78.9[c]	8.0	148,863	80.7[c]	2.1	4,444	74.4[c]	7.6
Other labor income	37,461	7.6[c]	2.0	18,363	9.9[c]	1.3	425	7.1[c]	17.1
Proprietors' income	66,016	13.4[c]	4.7	17,332	9.4[c]	6.6	1,108	18.5[c]	40.4
Farm	11,102	2.3[c]	2.7	2,249	1.2[c]	11.1	457	7.6[c]	156.7
Nonfarm	54,914	11.2[c]	5.1	15,083	8.2[c]	6.0	651	10.9[c]	6.5
Earnings by industry									
Farm	15,373	3.1[c]	1.7	2,498	1.4[c]	9.2	513	8.6[c]	111.1
Nonfarm	475,544	96.9[c]	7.2	182,060	98.6[c]	2.3	5,464	91.4[c]	8.4
Private	340,569	69.4[c]	6.4	149,275	80.9[c]	2.5	2,402	40.2[c]	-1.1
Agricultural services and other	3,806	0.8[c]	11.4	163	0.1[c]	19.0	(L)	(L)	(L)
Mining	265	0.1[c]	-3.3	66,250	35.9[c]	0.3	(L)	(L)	(L)
Construction	35,725	7.3[c]	2.4	6,541	3.5[c]	-14.8	208	3.5[c]	1.0
Manufacturing	132,472	27.0[c]	5.0	4,842	2.6[c]	11.4	0	0.0[c]	(U)
Nondurable goods	86,110	17.5[c]	-2.5	3,543	1.9[c]	10.5	0	0.0[c]	(U)
Durable goods	46,362	9.4[c]	22.6	1,299	0.7[c]	13.9	0	0.0[c]	(U)
Transportation and public utilities	15,860	3.2[c]	2.1	14,715	8.0[c]	10.9	925	15.5[c]	0.1
Wholesale trade	9,533	1.9[c]	9.0	7,211	3.9[c]	1.4	0	0.0[c]	(U)
Retail trade	39,069	8.0[c]	3.0	15,944	8.6[c]	0.7	342	5.7[c]	-34.4
Finance, insurance, and real estate	12,435	2.5[c]	-6.6	4,131	2.2[c]	2.9	0	0.0[c]	(U)
Services	91,404	18.6[c]	14.6	29,478	16.0[c]	8.6	921	15.4[c]	19.8
Government	134,975	27.5[c]	9.3	32,785	17.8[c]	1.5	3,062	51.2[c]	17.2
Federal civilian	8,901	1.8[c]	10.8	5,731	3.1[c]	3.2	1,653	27.7[c]	28.9
Military	3,922	0.8[c]	7.5	963	0.5[c]	4.2	(L)	(L)	(L)
State and local	122,152	24.9[c]	9.3	26,091	14.1[c]	1.0	1,378	23.1[c]	5.9

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Davis			Duchesne			Emery		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	2,137,552	100.0[a]	5.8	135,133	100.0[a]	0.3	101,281	100.0[a]	2.7
Per capita personal income (dollars)	11,568	70.2[b]	3.7	9,997	60.6[b]	5.9	8,949	54.3[b]	5.6
Derivation of total personal income:									
Total earnings by place of work	1,425,115	100.0[c]	5.2	91,395	100.0[c]	–6.7	111,934	100.0[c]	–0.3
Less: Contributions for social insurance	82,336	5.8[c]	6.9	5,163	5.6[c]	–6.4	6,833	6.1[c]	3.9
Plus: Residence adjustment	274,059	19.2[c]	5.4	7,723	8.5[c]	229.6	(31,136)	–27.8[c]	(U)
Equals: Net earnings by place of residence	1,616,838	75.6[a]	5.1	93,955	69.5[a]	–0.9	73,965	73.0[a]	2.0
Plus: Dividends, interest, and rent	230,661	10.8[a]	8.6	18,231	13.5[a]	8.2	9,694	9.6[a]	9.3
Plus: Transfer payments	290,053	13.6[a]	7.2	22,947	17.0[a]	–0.8	17,622	17.4[a]	1.9
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	1,203,399	84.4[c]	4.8	59,518	65.1[c]	–14.2	88,713	79.3[c]	–1.2
Other labor income	95,325	6.7[c]	12.0	5,712	6.2[c]	–15.1	12,984	11.6[c]	0.4
Proprietors' income	126,391	8.9[c]	3.6	26,165	28.6[c]	19.6	10,237	9.1[c]	6.5
Farm	6,823	0.5[c]	–7.0	9,149	10.0[c]	56.2	3,470	3.1[c]	14.8
Nonfarm	119,568	8.4[c]	4.3	17,016	18.6[c]	6.3	6,767	6.0[c]	2.7
Earnings by industry									
Farm	9,099	0.6[c]	–5.7	10,245	11.2[c]	46.8	3,865	3.5[c]	12.4
Nonfarm	1,416,016	99.4[c]	5.2	81,150	88.8[c]	–10.8	108,069	96.5[c]	–0.7
Private	735,058	51.6[c]	7.9	60,655	66.4[c]	–13.0	94,502	84.4[c]	–0.7
Agricultural services and other	4,116	0.3[c]	29.9	322	0.4[c]	3.5	138	0.1[c]	8.7
Mining	2,426	0.2[c]	29.2	10,975	12.0[c]	3.3	41,450	37.0[c]	3.8
Construction	81,382	5.7[c]	–2.0	5,941	6.5[c]	–66.2	5,552	5.0[c]	–36.9
Manufacturing	164,752	11.6[c]	7.3	2,732	3.0[c]	–18.5	(D)	(D)	(D)
Nondurable goods	55,132	3.9[c]	10.1	2,121	2.3[c]	0.7	(D)	(D)	(D)
Durable goods	109,620	7.7[c]	6.0	611	0.7[c]	–50.9	(D)	(D)	(D)
Transportation and public utilities	51,660	3.6[c]	16.1	13,106	14.3[c]	10.4	(D)	(D)	(D)
Wholesale trade	56,204	3.9[c]	14.1	4,413	4.8[c]	16.7	633	0.6[c]	6.2
Retail trade	118,560	8.3[c]	9.7	7,933	8.7[c]	1.6	2,979	2.7[c]	–1.0
Finance, insurance, and real estate	28,776	2.0[c]	1.0	1,696	1.9[c]	–4.7	688	0.6[c]	–4.8
Services	227,182	15.9[c]	8.4	13,537	14.8[c]	7.2	(D)	(D)	(D)
Government	680,958	47.8[c]	2.5	20,495	22.4[c]	–3.4	13,567	12.1[c]	–1.0
Federal civilian	438,273	30.8[c]	0.5	3,613	4.0[c]	–22.1	1,352	1.2[c]	8.2
Military	117,707	8.3[c]	0.0	639	0.7[c]	4.1	521	0.5[c]	4.4
State and local	124,978	8.8[c]	13.2	16,243	17.8[c]	1.7	11,694	10.4[c]	–2.2

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Garfield			Grand			Iron		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	44,943	100.0[a]	8.7	81,861	100.0[a]	6.7	179,518	100.0[a]	6.9
Per capita personal income (dollars)	11,029	66.9[b]	10.2	12,504	75.8[b]	7.7	9,349	56.7[b]	8.0
Derivation of total personal income:									
Total earnings by place of work	29,232	100.0[c]	9.6	46,829	100.0[c]	5.9	126,807	100.0[c]	7.0
Less: Contributions for social insurance	1,670	5.7[c]	13.8	2,985	6.4[c]	11.1	7,584	6.0[c]	10.7
Plus: Residence adjustment	1,412	4.8[c]	6.2	9,271	19.8[c]	6.2	(927)	–0.7[c]	(U)
Equals: Net earnings by place of residence	28,974	64.5[a]	9.2	53,115	64.9[a]	5.6	118,296	65.9[a]	6.6
Plus: Dividends, interest, and rent	7,315	16.3[a]	8.5	12,643	15.4[a]	9.4	26,213	14.6[a]	8.5
Plus: Transfer payments	8,654	19.3[a]	6.9	16,103	19.7[a]	8.0	35,009	19.5[a]	6.6
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	20,753	71.0[c]	9.4	31,735	67.8[c]	5.8	95,148	75.0[c]	5.9
Other labor income	1,883	6.4[c]	7.7	2,732	5.8[c]	7.2	8,375	6.6[c]	6.9
Proprietors' income	6,596	22.6[c]	11.0	12,362	26.4[c]	5.8	23,284	18.4[c]	11.4
Farm	3,548	12.1[c]	18.4	898	1.9[c]	18.2	6,283	5.0[c]	29.8
Nonfarm	3,048	10.4[c]	3.4	11,464	24.5[c]	4.9	17,001	13.4[c]	5.8
Earnings by industry									
Farm	3,896	13.3[c]	15.9	1,107	2.4[c]	12.2	7,824	6.2[c]	21.9
Nonfarm	25,336	86.7[c]	8.7	45,722	97.6[c]	5.7	118,983	93.8[c]	6.1
Private	17,446	59.7[c]	8.8	35,274	75.3[c]	7.6	81,950	64.6[c]	5.2
Agricultural services and other	(L)	(L)	(L)	91	0.2[c]	9.6	1,507	1.2[c]	–6.5
Mining	(D)	(D)	(D)	5,297	11.3[c]	5.5	4,754	3.7[c]	12.8
Construction	917	3.1[c]	1.4	3,334	7.1[c]	0.2	7,571	6.0[c]	–1.5
Manufacturing	5,033	17.2[c]	5.0	921	2.0[c]	14.6	5,269	4.2[c]	18.8
Nondurable goods	(D)	(D)	(D)	329	0.7[c]	20.5	3,527	2.8[c]	23.1
Durable goods	(D)	(D)	(D)	592	1.3[c]	11.5	1,742	1.4[c]	10.9
Transportation and public utilities	1,724	5.9[c]	–14.0	5,191	11.1[c]	6.4	10,265	8.1[c]	11.6
Wholesale trade	(D)	(D)	(D)	1,392	3.0[c]	1.5	3,909	3.1[c]	6.4
Retail trade	1,845	6.3[c]	3.9	5,821	12.4[c]	8.8	18,467	14.6[c]	0.7
Finance, insurance, and real estate	522	1.8[c]	2.0	1,015	2.2[c]	–15.6	4,641	3.7[c]	–7.1
Services	6,772	23.2[c]	24.9	12,212	26.1[c]	13.5	25,567	20.2[c]	7.8
Government	7,890	27.0[c]	8.5	10,448	22.3[c]	–0.0	37,033	29.2[c]	8.1
Federal civilian	3,525	12.1[c]	13.5	4,456	9.5[c]	–1.0	9,055	7.1[c]	1.9
Military	172	0.6[c]	4.9	304	0.6[c]	4.1	821	0.6[c]	4.2
State and local	4,193	14.3[c]	4.9	5,688	12.1[c]	0.5	27,157	21.4[c]	10.5

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Juab			Kane			Millard		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	53,201	100.0[a]	10.2	52,742	100.0[a]	8.0	123,985	100.0[a]	3.2
Per capita personal income (dollars)	9,325	56.5[b]	12.9	10,696	64.9[b]	7.2	10,046	60.9[b]	7.4
Derivation of total personal income:									
Total earnings by place of work	30,687	100.0[c]	16.3	26,360	100.0[c]	10.8	96,241	100.0[c]	1.2
Less: Contributions for social insurance	1,911	6.2[c]	23.1	1,712	6.4[c]	15.9	5,531	5.7[c]	3.8
Plus: Residence adjustment	4,189	13.7[c]	-16.8	8,778	33.0[c]	5.7	(5,261)	-5.5[c]	(U)
Equals: Net earnings by place of residence	32,965	62.0[a]	10.3	33,626	63.8[a]	9.2	85,449	68.9[a]	2.4
Plus: Dividends, interest, and rent	7,520	14.1[a]	8.5	9,619	18.2[a]	8.4	19,706	15.9[a]	8.4
Plus: Transfer payments	12,716	23.9[a]	10.8	9,497	18.0[a]	3.9	18,830	15.2[a]	1.5
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	20,781	67.7[c]	16.4	19,134	72.0[c]	11.3	68,057	70.7[c]	-2.1
Other labor income	1,932	6.3[c]	26.3	1,413	5.3[c]	13.4	8,014	8.3[c]	-1.7
Proprietors' income	7,974	26.0[c]	13.6	6,013	22.6[c]	8.6	20,170	21.0[c]	16.0
Farm	2,823	9.2[c]	29.8	1,306	4.9[c]	30.0	8,904	9.3[c]	37.3
Nonfarm	5,151	16.8[c]	6.3	4,707	17.7[c]	3.8	11,266	11.7[c]	3.3
Earnings by industry									
Farm	3,432	11.2[c]	22.9	1,509	5.7[c]	22.3	11,638	12.1[c]	25.9
Nonfarm	27,255	88.8[c]	15.5	25,051	94.3[c]	10.1	84,603	87.9[c]	-1.4
Private	21,152	68.9[c]	20.8	18,273	68.8[c]	9.4	70,876	73.6[c]	-2.8
Agricultural services and other	(L)	(L)	(L)	(D)	(D)	(D)	772	0.8[c]	10.0
Mining	(D)	(D)	(D)	(D)	(D)	(D)	3,887	4.0[c]	-11.0
Construction	(D)	(D)	(D)	1,629	6.1[c]	7.9	9,470	9.8[c]	-32.4
Manufacturing	4,381	14.3[c]	37.2	895	3.4[c]	15.6	5,237	5.4[c]	1.2
Nondurable goods	(D)	(D)	(D)	251	0.9[c]	(U)	1,158	1.2[c]	5.0
Durable goods	(D)	(D)	(D)	644	2.4[c]	(U)	4,079	4.2[c]	0.2
Transportation and public utilities	982	3.2[c]	25.9	1,053	4.0[c]	-0.9	31,989	33.2[c]	7.6
Wholesale trade	2,042	6.7[c]	8.0	1,486	5.6[c]	6.1	1,033	1.1[c]	-16.0
Retail trade	3,310	10.8[c]	-3.1	4,779	18.0[c]	22.8	6,950	7.2[c]	3.9
Finance, insurance, and real estate	807	2.6[c]	1.4	819	3.1[c]	17.7	1,558	1.6[c]	-7.3
Services	5,619	18.3[c]	9.3	7,445	28.0[c]	3.1	9,980	10.4[c]	6.7
Government	6,103	19.9[c]	0.2	6,778	25.5[c]	12.2	13,727	14.3[c]	6.5
Federal civilian	578	1.9[c]	6.4	1,739	6.5[c]	17.7	2,433	2.5[c]	11.8
Military	252	0.8[c]	4.1	196	0.7[c]	4.8	604	0.6[c]	4.1
State and local	5,273	17.2[c]	-0.7	4,843	18.2[c]	10.6	10,690	11.1[c]	5.4

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Morgan			Piute			Rich		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	68,944	100.0[a]	3.8	12,631	100.0[a]	5.4	23,452	100.0[a]	13.2
Per capita personal income (dollars)	12,699	77.0[b]	3.3	8,901	54.0[b]	6.2	11,616	70.4[b]	19.3
Derivation of total personal income:									
Total earnings by place of work	26,748	100.0[c]	–1.5	5,269	100.0[c]	0.2	10,001	100.0[c]	21.4
Less: Contributions for social insurance	1,509	5.6[c]	3.9	267	5.1[c]	11.7	357	3.6[c]	17.0
Plus: Residence adjustment	24,946	93.3[c]	6.7	1,497	28.4[c]	10.6	5,583	55.8[c]	4.8
Equals: Net earnings by place of residence	50,185	72.8[a]	2.3	6,499	51.5[a]	2.0	15,227	64.9[a]	14.8
Plus: Dividends, interest, and rent	8,721	12.6[a]	8.4	2,404	19.0[a]	8.4	4,973	21.2[a]	8.3
Plus: Transfer payments	10,038	14.6[a]	8.3	3,728	29.5[a]	9.8	3,252	13.9[a]	13.7
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	18,058	67.5[c]	–2.1	2,585	49.1[c]	–1.9	5,210	52.1[c]	7.9
Other labor income	1,559	5.8[c]	–4.2	195	3.7[c]	6.6	410	4.1[c]	11.7
Proprietors' income	7,131	26.7[c]	0.6	2,489	47.2[c]	2.1	4,381	43.8[c]	43.9
Farm	3,017	11.3[c]	–0.4	1,829	34.7[c]	1.4	3,766	37.7[c]	54.4
Nonfarm	4,114	15.4[c]	1.3	660	12.5[c]	3.8	615	6.1[c]	1.5
Earnings by industry									
Farm	4,508	16.9[c]	–0.0	2,067	39.2[c]	1.4	4,833	48.3[c]	37.2
Nonfarm	22,240	83.1[c]	–1.8	3,202	60.8[c]	–0.5	5,168	51.7[c]	9.5
Private	17,751	66.4[c]	–3.8	1,465	27.8[c]	–4.6	2,552	25.5[c]	14.2
Agricultural services and other	63	0.2[c]	10.5	(L)	(L)	(L)	110	1.1[c]	6.8
Mining	76	0.3[c]	–3.8	(L)	(L)	(L)	(D)	(D)	(D)
Construction	3,409	12.7[c]	9.8	179	3.4[c]	–17.1	328	3.3[c]	1.5
Manufacturing	4,901	18.3[c]	–18.4	239	4.5[c]	–12.5	(D)	(D)	(D)
Nondurable goods	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)
Durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	409	1.5[c]	–31.0	252	4.8[c]	13.5	364	3.6[c]	–0.5
Wholesale trade	4,317	16.1[c]	6.1	(L)	(L)	(L)	(D)	(D)	(D)
Retail trade	1,335	5.0[c]	–8.3	101	1.9[c]	1.0	535	5.3[c]	33.4
Finance, insurance, and real estate	604	2.3[c]	–1.5	162	3.1[c]	25.6	(D)	(D)	(D)
Services	2,637	9.9[c]	6.7	439	8.3[c]	–9.7	749	7.5[c]	14.9
Government	4,489	16.8[c]	6.9	1,737	33.0[c]	3.2	2,616	26.2[c]	5.4
Federal civilian	249	0.9[c]	9.7	146	2.8[c]	10.6	317	3.2[c]	6.7
Military	220	0.8[c]	4.3	61	1.2[c]	3.4	98	1.0[c]	4.3
State and local	4,020	15.0[c]	6.9	1,530	29.0[c]	2.5	2,201	22.0[c]	5.2

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Salt Lake			San Juan			Sanpete		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	9,670,295	100.0[a]	5.9	92,193	100.0[a]	7.8	148,008	100.0[a]	7.2
Per capita personal income (dollars)	13,430	81.4[b]	5.0	7,931	48.1[b]	6.6	9,006	54.6[b]	6.8
Derivation of total personal income:									
Total earnings by place of work	8,221,273	100.0[c]	5.5	68,711	100.0[c]	8.2	77,339	100.0[c]	7.2
Less: Contributions for social insurance	532,676	6.5[c]	10.2	3,978	5.8[c]	12.7	4,471	5.8[c]	12.6
Plus: Residence adjustment	(686,493)	–8.4[c]	(U)	(5,723)	–8.3[c]	(U)	21,027	27.2[c]	6.8
Equals: Net earnings by place of residence	7,002,104	72.4[a]	5.4	59,010	64.0[a]	7.8	93,895	63.4[a]	6.9
Plus: Dividends, interest, and rent	1,414,251	14.6[a]	8.8	10,223	11.1[a]	9.0	21,171	14.3[a]	8.6
Plus: Transfer payments	1,253,940	13.0[a]	5.5	22,960	24.9[a]	7.4	32,942	22.3[a]	7.4
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	6,948,795	84.5[c]	5.7	52,417	76.3[c]	8.9	52,340	67.7[c]	5.0
Other labor income	631,168	7.7[c]	5.2	4,929	7.2[c]	9.2	5,076	6.6[c]	4.0
Proprietors' income	641,310	7.8[c]	4.1	11,365	16.5[c]	4.7	19,923	25.8[c]	14.5
Farm	3,531	0.0[c]	-33.0	4,389	6.4[c]	5.6	9,338	12.1[c]	28.5
Nonfarm	637,779	7.8[c]	4.4	6,976	10.2[c]	4.2	10,585	13.7[c]	4.4
Earnings by industry									
Farm	7,300	0.1[c]	-20.0	5,101	7.4[c]	4.4	12,388	16.0[c]	19.1
Nonfarm	8,213,973	99.9[c]	5.6	63,610	92.6[c]	8.5	64,951	84.0[c]	5.2
Private	6,959,307	84.6[c]	6.0	43,563	63.4[c]	7.4	43,533	56.3[c]	5.7
Agricultural services and other	20,091	0.2[c]	1.9	123	0.2[c]	9.8	666	0.9[c]	10.3
Mining	108,612	1.3[c]	6.2	14,604	21.3[c]	22.5	144	0.2[c]	-36.3
Construction	474,641	5.8[c]	-0.1	4,859	7.1[c]	-20.7	5,509	7.1[c]	4.8
Manufacturing	1,307,325	15.9[c]	8.4	2,248	3.3[c]	1.0	11,365	14.7[c]	-5.3
Nondurable goods	312,734	3.8[c]	9.6	977	1.4[c]	-17.5	9,753	12.6[c]	-3.5
Durable goods	994,591	12.1[c]	8.0	1,271	1.8[c]	22.1	1,612	2.1[c]	-15.2
Transportation and public utilities	903,306	11.0[c]	7.7	3,452	5.0[c]	13.8	5,000	6.5[c]	16.1
Wholesale trade	741,230	9.0[c]	5.8	(D)	(D)	(D)	1,156	1.5[c]	8.1
Retail trade	824,768	10.0[c]	3.3	5,062	7.4[c]	21.8	6,983	9.0[c]	9.8
Finance, insurance, and real estate	632,675	7.7[c]	1.9	(D)	(D)	(D)	2,061	2.7[c]	2.3
Services	1,946,659	23.7[c]	7.8	11,454	16.7[c]	1.6	10,649	13.8[c]	14.0
Government	1,254,666	15.3[c]	3.5	20,047	29.2[c]	11.0	21,418	27.7[c]	4.2
Federal civilian	231,144	2.8[c]	7.2	4,370	6.4[c]	10.8	2,211	2.9[c]	9.4
Military	44,912	0.5[c]	3.2	477	0.7[c]	4.4	786	1.0[c]	9.9
State and local	978,610	11.9[c]	2.7	15,200	22.1[c]	11.3	18,421	23.8[c]	3.3

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Sevier			Summit			Tooele		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	164,440	100.0[a]	3.1	250,824	100.0[a]	9.3	352,386	100.0[a]	4.8
Per capita personal income (dollars)	10,797	65.5[b]	3.6	18,122	109.9[b]	4.6	12,298	74.6[b]	4.7
Derivation of total personal income:									
Total earnings by place of work	111,963	100.0[c]	0.9	144,312	100.0[c]	13.9	284,399	100.0[c]	2.9
Less: Contributions for social insurance	7,011	6.3[c]	7.3	8,881	6.2[c]	19.4	15,281	5.4[c]	0.5
Plus: Residence adjustment	1,198	1.1[c]	46.5	61,869	42.9[c]	1.4	(6,904)	–2.4[c]	(U)
Equals: Net earnings by place of residence	106,150	64.6[a]	0.8	197,300	78.7[a]	9.4	262,214	74.4[a]	3.8
Plus: Dividends, interest, and rent	25,030	15.2[a]	8.6	35,827	14.3[a]	8.8	27,660	7.8[a]	8.6
Plus: Transfer payments	33,260	20.2[a]	6.4	17,697	7.1[a]	8.5	62,512	17.7[a]	7.7
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	82,388	73.6[c]	1.2	108,399	75.1[c]	15.5	246,618	86.7[c]	1.5
Other labor income	8,533	7.6[c]	1.4	7,878	5.5[c]	18.2	20,929	7.4[c]	16.8
Proprietors' income	21,042	18.8[c]	–0.4	28,035	19.4[c]	6.9	16,852	5.9[c]	9.0
Farm	4,092	3.7[c]	–15.6	6,250	4.3[c]	13.4	4,014	1.4[c]	28.0
Nonfarm	16,950	15.1[c]	4.1	21,785	15.1[c]	5.2	12,838	4.5[c]	4.2
Earnings by industry									
Farm	5,802	5.2[c]	–11.6	7,487	5.2[c]	10.2	4,951	1.7[c]	20.7
Nonfarm	106,161	94.8[c]	1.7	136,825	94.8[c]	14.1	279,448	98.3[c]	2.6
Private	83,200	74.3[c]	1.2	118,467	82.1[c]	15.1	96,599	34.0[c]	4.8
Agricultural services and other	200	0.2[c]	4.7	1,207	0.8[c]	1.3	466	0.2[c]	18.9
Mining	11,896	10.6[c]	5.3	4,334	3.0[c]	47.8	(D)	(D)	(D)
Construction	8,119	7.3[c]	–16.6	13,290	9.2[c]	68.2	(D)	(D)	(D)
Manufacturing	8,766	7.8[c]	–3.2	3,659	2.5[c]	15.1	29,681	10.4[c]	11.2
Nondurable goods	1,894	1.7[c]	9.7	692	0.5[c]	7.5	28,002	9.8[c]	14.6
Durable goods	6,872	6.1[c]	–6.3	2,967	2.1[c]	17.0	1,679	0.6[c]	–25.7
Transportation and public utilities	17,508	15.6[c]	0.9	7,768	5.4[c]	12.8	8,211	2.9[c]	11.7
Wholesale trade	3,934	3.5[c]	5.3	3,342	2.3[c]	72.5	661	0.2[c]	–5.2
Retail trade	12,382	11.1[c]	6.6	18,415	12.8[c]	12.5	12,869	4.5[c]	5.9
Finance, insurance, and real estate	3,499	3.1[c]	–2.5	18,039	12.5[c]	14.7	2,852	1.0[c]	–0.4
Services	16,896	15.1[c]	8.0	48,413	33.5[c]	3.6	23,396	8.2[c]	–0.2
Government	22,961	20.5[c]	3.4	18,358	12.7[c]	7.8	182,849	64.3[c]	1.5
Federal civilian	5,616	5.0[c]	1.1	1,650	1.1[c]	21.5	148,902	52.4[c]	–1.3
Military	667	0.6[c]	4.2	539	0.4[c]	4.3	9,872	3.5[c]	6.8
State and local	16,678	14.9[c]	4.2	16,169	11.2[c]	6.7	24,075	8.5[c]	20.1

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Uintah			Utah			Wasatch		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	224,881	100.0	4.3	2,425,104	100.0[a]	10.9	108,060	100.0[a]	10.3
Per capita personal income (dollars)	10,071	61.1[b]	7.0	9,993	60.6[b]	10.4	10,958	66.5[b]	8.0
Derivation of total personal income:									
Total earnings by place of work	175,279	100.0[c]	3.4	1,693,167	100.0[c]	13.9	50,348	100.0[c]	24.7
Less: Contributions for social insurance	10,466	6.0[c]	6.1	110,107	6.5[c]	19.6	3,187	6.3[c]	33.4
Plus: Residence adjustment	(1,253)	–0.7[c]	(U)	179,885	10.6[c]	4.1	28,360	56.3[c]	–0.8
Equals: Net earnings by place of residence	163,560	72.7[a]	3.7	1,762,945	72.7[a]	12.5	75,521	69.9[a]	13.5
Plus: Dividends, interest, and rent	28,149	12.5[a]	8.5	302,411	12.5[a]	8.4	15,630	14.5[a]	8.5
Plus: Transfer payments	33,172	14.8[a]	3.5	359,748	14.8[a]	5.6	16,909	15.6[a]	–0.4
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	123,311	70.4[c]	0.9	1,365,161	80.6[c]	15.1	37,658	74.8[c]	31.2
Other labor income	10,730	6.1[c]	2.8	122,083	7.2[c]	19.0	3,154	6.3[c]	40.7
Proprietors' income	41,238	23.5[c]	11.8	205,923	12.2[c]	4.3	9,536	18.9[c]	1.3
Farm	10,206	5.8[c]	37.2	11,180	0.7[c]	5.8	1,547	3.1[c]	–11.1
Nonfarm	31,032	17.7[c]	5.4	194,743	11.5[c]	4.2	7,989	15.9[c]	4.3
Earnings by industry									
Farm	11,092	6.3[c]	33.0	18,162	1.1[c]	3.0	2,597	5.2[c]	–7.4
Nonfarm	164,187	93.7[c]	1.9	1,675,005	98.9[c]	14.0	47,751	94.8[c]	27.1
Private	132,520	75.6[c]	1.9	1,419,150	83.8[c]	16.1	36,883	73.3[c]	35.0
Agricultural services and other	611	0.3[c]	13.1	5,579	0.3[c]	7.6	243	0.5[c]	2.5
Mining	33,451	19.1[c]	3.1	1,327	0.1[c]	8.1	(L)	(L)	(L)
Construction	8,154	4.7[c]	–19.1	99,048	5.8[c]	3.2	14,476	28.8[c]	121.5
Manufacturing	4,763	2.7[c]	5.3	329,029	19.4[c]	38.3	996	2.0[c]	15.4
Nondurable goods	1,012	0.6[c]	3.7	78,612	4.6[c]	46.4	344	0.7[c]	(U)
Durable goods	3,751	2.1[c]	5.7	250,417	14.8[c]	35.9	652	1.3[c]	(U)
Transportation and public utilities	22,435	12.8[c]	–3.2	73,428	4.3[c]	2.9	2,877	5.7[c]	84.3
Wholesale trade	9,366	5.3[c]	12.0	65,781	3.9[c]	54.9	1,431	2.8[c]	–46.3
Retail trade	15,976	9.1[c]	8.8	156,068	9.2[c]	8.0	5,156	10.2[c]	–3.2
Finance, insurance, and real estate	2,406	1.4[c]	–0.3	51,635	3.0[c]	1.5	898	1.8[c]	–12.2
Services	35,358	20.2[c]	4.7	637,255	37.6[c]	11.2	10,762	21.4[c]	18.6
Government	31,667	18.1[c]	1.7	255,855	15.1[c]	3.9	10,868	21.6[c]	6.0
Federal civilian	10,665	6.1[c]	12.2	22,182	1.3[c]	8.0	1,662	3.3[c]	11.9
Military	1,060	0.6[c]	4.2	10,836	0.6[c]	4.5	401	0.8[c]	4.2
State and local	19,942	11.4[c]	–3.3	222,837	13.2[c]	3.5	8,805	17.5[c]	5.1

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Table 1 (continued)
Personal Income and Earnings in Utah Counties by Type and Industrial Source, 1988

	Washington			Wayne			Weber		
	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88	Income/ Earnings ($1,000)	Components as Percent of Totals	Percent Change 1987–88
Income by Place of Residence									
Total personal income	425,273	100.0[a]	8.0	20,628	100.0[a]	0.6	2,133,065	100.0[a]	5.6
Per capita personal income (dollars)	9,787	59.4[b]	3.9	9,999	60.6[b]	3.1	13,319	80.8[b]	5.8
Derivation of total personal income:									
Total earnings by place of work	242,707	100.0[c]	8.8	12,112	100.0[c]	–5.1	1,316,961	100.0[c]	6.3
Less: Contributions for social insurance	16,476	6.8[c]	15.5	657	5.4[c]	–3.4	84,272	6.4[c]	10.2
Plus: Residence adjustment	12,570	5.2[c]	6.5	1,139	9.4[c]	39.1	202,614	15.4[c]	–0.9
Equals: Net earnings by place of residence	238,801	56.2[a]	8.3	12,594	61.1[a]	–2.4	1,435,303	67.3[a]	5.0
Plus: Dividends, interest, and rent	96,295	22.6[a]	8.7	3,505	17.0[a]	8.8	281,380	13.2[a]	8.7
Plus: Transfer payments	90,177	21.2[a]	6.4	4,529	22.0[a]	3.1	416,382	19.5[a]	5.4
Earnings by Place of Work									
Components of earnings									
Wage and salary disbursements	174,116	71.7[c]	10.4	7,417	61.2[c]	–10.1	1,094,288	83.1[c]	6.4
Other labor income	14,665	6.0[c]	9.5	728	6.0[c]	–5.0	102,256	7.8[c]	9.4
Proprietors' income	53,926	22.2[c]	3.8	3,967	32.8[c]	6.0	120,417	9.1[c]	3.5
Farm	2,656	1.1[c]	4.9	1,958	16.2[c]	10.7	4,145	0.3[c]	–16.6
Nonfarm	51,270	21.1[c]	3.8	2,009	16.6[c]	1.7	116,272	8.8[c]	4.4
Earnings by industry									
Farm	3,139	1.3[c]	3.5	2,166	17.9[c]	9.1	6,112	0.5[c]	–12.0
Nonfarm	239,568	98.7[c]	8.9	9,946	82.1[c]	–7.7	1,310,849	99.5[c]	6.4
Private	194,824	80.3[c]	8.5	5,454	45.0[c]	–18.4	962,232	73.1[c]	6.5
Agricultural services and other	2,580	1.1[c]	4.9	56	0.5[c]	(U)	3,075	0.2[c]	–5.5
Mining	1,187	0.5[c]	–33.6	57	0.5[c]	–27.8	2,029	0.2[c]	–16.9
Construction	30,674	12.6[c]	0.8	2,268	18.7[c]	–37.9	69,834	5.3[c]	2.9
Manufacturing	20,491	8.4[c]	10.3	586	4.8[c]	–2.8	272,034	20.7[c]	10.4
Nondurable goods	12,098	5.0[c]	8.4	(D)	(D)	(D)	91,647	7.0[c]	11.1
Durable goods	8,393	3.5[c]	13.2	(D)	(D)	(D)	180,387	13.7[c]	10.0
Transportation and public utilities	19,291	7.9[c]	21.0	487	4.0[c]	–10.5	62,465	4.7[c]	–9.5
Wholesale trade	12,196	5.0[c]	20.8	437	3.6[c]	9.0	42,537	3.2[c]	8.1
Retail trade	36,859	15.2[c]	7.9	523	4.3[c]	11.8	138,961	10.6[c]	5.9
Finance, insurance, and real estate	9,610	4.0[c]	1.3	(L)	(L)	(L)	54,048	4.1[c]	1.2
Services	61,936	25.5[c]	9.5	1,038	8.6[c]	26.6	317,249	24.1[c]	9.2
Government	44,744	18.4[c]	10.6	4,492	37.1[c]	9.7	348,617	26.5[c]	6.3
Federal civilian	8,486	3.5[c]	22.6	2,377	19.6[c]	11.1	166,840	12.7[c]	9.7
Military	1,486	0.6[c]	4.2	90	0.7[c]	4.7	12,863	1.0[c]	2.5
State and local	34,772	14.3[c]	8.3	2,025	16.7[c]	8.5	168,914	12.8[c]	3.4

[a] Income components as a percent of total personal income.
[b] Per capita personal income as a percent of U.S. average.
[c] Earnings components as a percent of total earnings.

(D) Not shown to avoid disclosure of confidential information.
(L) Less than $50,000. Data included in totals.
(U) Unable to calculate due to zero or negative data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economics Information System.

Utah Business Statistics

UTAH DATA	Feb. 1989	Feb. 1990	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qtly.)	21,544	NA	NA	NA	20,855	NA
New Corporations (no.)	338	493	45.9%	482	452	6.7%
New Car, Truck, and Motor Home Sales (no.)	4,339	NA	NA	NA	5,110	NA
Agriculture						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	74.00	76.50	3.4%	72.86	69.42	5.0%
Lambs (cwt)	60.20	52.70	-12.5%	59.50	60.76	-2.1%
Milk Wholesale (cwt)	12.30	13.90	13.0%	12.91	11.74	9.9%
Alfalfa Hay, Baled (per ton)	86.00	85.00	-1.2%	84.75	77.42	9.5%
Cattle Slaughtered (live weight) (thous. of lbs.)	44,779	44,693	-0.2%	48,153	46,666	3.2%
Construction						
Total Construction (thous. of dol.) 1	45,525.0	49,989.0	9.8%	79,537.6	66,059.8	20.4%
Residential	19,596.7	29,745.3	51.8%	37,440.0	33,129.5	13.0%
Nonresidential	20,082.5	10,011.1	-50.2%	25,682.9	20,829.6	23.3%
Additions, Alterations, and Conversions	5,845.7	10,232.7	75.0%	16,414.7	12,100.7	35.7%
Total Permit Construction (thous. of dol.) 2	51,264.3	57,002.4	11.2%	85,061.0	71,389.7	19.2%
Residential	20,802.6	33,127.2	59.2%	39,069.2	34,118.8	14.5%
Nonresidential	24,375.7	11,970.7	-50.9%	31,491.2	23,980.9	31.3%
Additions, Alterations, and Repairs	6,086.0	11,904.5	95.6%	14,500.6	13,290.0	9.1%
New Dwelling Units (no.)	283	395	39.6%	486	466	4.2%
Employment						
Civilian Labor Force (thous.)	759.7	788.5	3.8%	788.4	761.9	3.5%
Total Employed Persons	720.8	752.5	4.4%	755.4	726.0	4.1%
Unemployed Persons	38.9	36.0	-7.5%	33.0	35.5	-7.2%
Percent Total Labor Force	5.1	4.6	-9.8%	4.2	4.7	-11.3%
Employees on Nonagricultural Payrolls (thous. of jobs)	667.2	698.3	4.7%	693.8	664.6	4.4%
Manufacturing	100.8	103.1	2.3%	103.1	99.9	3.2%
Mining	7.6	8.3	9.2%	8.1	8.1	0.8%
Contract Construction	20.5	21.6	5.4%	26.0	25.0	3.9%
Transportation, Communication, and Utilities	40.0	41.9	4.7%	41.1	39.8	3.2%
Wholesale Trade	37.3	39.5	5.9%	38.3	36.0	6.6%
Retail Trade	120.3	128.3	6.7%	128.7	121.9	5.6%
Finance, Insurance, and Real Estate	33.1	33.5	1.2%	33.3	33.3	0.1%
Services 3	161.1	172.3	7.0%	168.5	157.6	6.9%
Federal Government	39.6	39.7	0.3%	40.2	39.4	2.0%
State Government 4	40.6	42.6	4.9%	40.5	38.8	4.3%
Local Government 4	66.5	67.5	1.5%	66.0	65.0	1.6%
Average Weekly Hours						
Manufacturing	39.5	40.3	2.0%	39.9	40.4	-1.3%
Mining	41.8	42.2	1.0%	41.2	41.2	-0.1%
Wholesale Trade	37.1	36.0	-3.0%	35.9	37.6	-4.3%
Retail Trade	26.4	25.5	-3.4%	27.1	27.8	-2.2%
Amount of Unemployment Compensation (thous. of dol.)	7,474.6	6,597.4	-11.7%	4,968.9	5,699.3	-12.8%
Finance						
Savings, Savings and Loan Association (mil. of dol.)	2,243.1	1,889.9	-15.7%	2,132.1	2,363.5	-9.8%
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	248,733.9	87,724.9	-64.7%	160,009.2	149,315.0	7.2%
Sales and Use Tax	129,837.1	4,547.7	-96.5%	57,591.3	54,614.9	5.4%
Motor Fuel Tax	9,947.8	10,552.5	6.1%	11,656.2	10,948.1	6.5%
Individual Income Tax	65,792.2	46,066.2	-30.0%	52,513.0	54,004.1	-2.8%
Corporation Franchise Tax	-491.0	1,352.8	-375.5%n	5,255.6	6,507.5	-19.2%
Production						
Crude Oil to Refineries (thous. of bbls.)	3,900.6	3,057.5	-21.6%	3,751.5	4,347.3	-13.7%
Crude Oil (thous. of bbls.)	2,246.5	2,219.0	-1.2%	2,341.8	2,680.4	-12.6%
Natural Gas (mil. of cu. ft.)	22,506.3	23,612.3	4.9%	23,231.1	23,017.1	0.9%
Coal (thous. short tons)	1,541.0	1,982.0	28.6%	1,778.2	1,505.1	18.1%
Tourism/Travel						
Air Passengers (total no. on and off)(S.L. Int'l Airport)	870,317	926,389	6.4%	1,002,543	881,441	13.7%
Highway Traffic Count Across State Lines	29,321	42,678	45.6%	41,107	NA	NA
Transient Room Taxes (thous. of dol.)	1,225.7	537.9	-56.1%	560.6	640.6	-12.5%
Visits, State, Nat'l. Parks, Monuments (thous.)	263.9	334.3	26.7%	1,119.6	1,093.5	2.4%
Utilities						
Telephone Lines in Service (Mt. Bell)(Residential)	497,063	NA	NA	NA	490,260	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	184,235	NA	NA	NA	181,962	NA
Electric Customers (Residential)	483,845	488,625	1.0%	484,994	477,755	1.5%
Electric Customers (Commercial)	48,006	50,310	4.8%	48,557	47,057	3.2%
Natural Gas Customers (Residential & Commercial)	472,690	486,405	2.9%	475,564	461,027	3.2%
Natural Gas Customers (Industrial)	554	566	2.2%	567	551	2.8%

Utah Business Statistics

UTAH DATA	Feb. 1989	Feb. 1990	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Davis County						
Non-Ag. Employment (thous.)	53.7r	55.7f	3.7%	55.6	53.6	3.7%
Unemployment Rate	3.8r	3.2	-15.8%	3.9	4.3	-9.4%
Auth. Permit Construction (thous. of dol.)	4,510.3	6,048.9	34.1%	10,532.9	8,996.9	17.1%
New Dwelling Units (no.)	34	53	55.9%	70	67	4.4%
Postal Receipts (thous. of dol.)	645.6	645.6	0.0%	627.5	458.8	36.8%
Electric Customers (Residential)	47,816	49,915	4.4%	49,292	48,171	2.3%
Electric Customers (Commercial)	3,574	3,736	4.5%	3,647	3,500	4.2%
Natural Gas Customers (Residential)	51,808	52,932	2.2%	52,007	50,643	2.7%
Natural Gas Customers (Industrial)	54	56	3.7%	56	53	5.4%
Telephone Lines in Service (Mt. Bell)(Residential)	56,209	NA	NA	NA	55,570	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	11,742	NA	NA	NA	11,459	NA
Salt Lake County						
Non-Ag. Employment (thous.)	341.7r	354.8f	3.8%	356.6	342.0	4.3%
Unemployment Rate	4.1r	3.6	-12.2%	3.8	4.4	-12.4%
Auth. Permit Construction (thous. of dol.)	31,805.0	25,234.7	-20.7%	35,845.4	31,371.4	14.3%
New Dwelling Units (no.)	130	163	25.4%	168	179	-5.6%
Postal Receipts (thous. of dol.)	8,690.3	8,372.9	-3.7%	8,210.4	8,151.8	0.7%
Electric Customers (Residential)	244,072	246,393	1.0%	243,701	240,361	1.4%
Electric Customers (Commercial)	21,020	21,288	1.3%	20,961	20,516	2.2%
Natural Gas Customers (Residential)	225,883	229,277	1.5%	225,337	221,345	1.8%
Natural Gas Customers (Industrial)	236	246	4.2%	244	237	2.8%
Telephone Lines in Service (Mt. Bell)(Residential)	233,418	NA	NA	NA	230,953	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	111,864	NA	NA	NA	111,305	NA
Utah County						
Non-Ag. Employment (thous.)	83.3r	89.6f	7.6%	86.7	82.3	5.3%
Unemployment Rate	3.5r	3.2	-8.6%	3.9	4.1	-6.1%
Auth. Permit Construction (thous. of dol.)	5,681.1	10,004.9	76.1%	12,798.5	10,709.6	19.5%
New Dwelling Units (no.)	52	57	9.6%	76	64	17.5%
Postal Receipts (thous. of dol.)	1,369.2	1,801.9	31.6%	1,498.3	1,249.5	19.9%
Electric Customers (Residential)	52,699	52,243	-0.9%	53,200	52,486	1.4%
Electric Customers (Commercial)	5,950	7,623	28.1%	6,446	5,984	7.7%
Natural Gas Customers (Residential)	63,263	64,452	1.9%	63,326	61,962	2.2%
Natural Gas Customers (Industrial)	74	72	-2.7%	73	69	6.4%
Telephone Lines in Service (Mt. Bell)(Residential)	66,447	NA	NA	NA	64,971	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	21,185	NA	NA	NA	20,391	NA
Weber County						
Non-Ag. Employment (thous.)	63.3r	64.7f	2.2%	65.1	62.5	4.1%
Unemployment Rate	5.1r	4.2	-17.6%	5.0	5.7	-13.7%
Auth. Permit Construction (thous. of dol.)	1,860.7	3,480.6	87.1%	6,460.1	5,276.8	22.4%
New Dwelling Units (no.)	14	26	85.7%	47	44	7.6%
Postal Receipts (thous. of dol.)	664.2	761.2	14.6%	701.0	680.3	3.0%
Electric Customers (Residential)	54,419	54,757	0.6%	54,333	53,641	1.3%
Electric Customers (Commercial)	4,980	5,058	1.6%	5,041	4,939	2.1%
Natural Gas Customers (Residential)	50,922	51,427	1.0%	50,702	49,936	1.5%
Natural Gas Customers (Industrial)	80	83	3.8%	84	83	1.7%
Telephone Lines in Service (Mt. Bell)(Residential)	47,049	NA	NA	NA	46,643	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	12,093	NA	NA	NA	12,005	NA

1 Obtained from U.S. Bureau of the Census Construction Statistics Division.
2 Obtained from *Utah Construction Report*.
3 Includes services by nonprofit and religious organizations.
4 Includes public schools and college institutions.

NA Not Available
n Not meaningful due to negative data.
r Revised
f Forecast

Sources:

Personal Income	U.S. Department of Commerce, Bureau of Economic Analysis.
New Corporations	Utah Secretary of State.
New Car and Truck Sales	Utah State Tax Commission, Economic and Statistical Unit.
Agriculture	U.S. Department of Agriculture, Utah Agricultural Statistics Service, *Utah Agriculture*.
Construction Data	U.S. Bureau of the Census and Bureau of Economic and Business Research, *Utah Construction Report*.
Employment Data	Utah Department of Employment Security.
Savings Information	Utah Savings and Loan Institutions.
Tax Collections	Utah State Tax Commission.
Crude Oil Production	Utah Department of Oil, Gas, and Mining and Area Oil Refineries.
Natural Gas Production	Utah Department of Oil, Gas, and Mining.
Coal Production	U.S. Department of Energy.
Air Passengers	Salt Lake City International Airport, Statistics Division.
Highway Traffic Count	Utah Department of Transportation.
Visits to State and National Parks and Monuments	U.S. Forest Service, Utah State Parks and Recreation Department.
Utilities Data	Cooperating Utah Utility Companies.
Postal Receipts	Postmasters in Davis, Salt Lake, Utah, and Weber Counties.

Utah Business Statistics

UTAH DATA	Mar. 1989	Mar. 1990	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qtly.)	21,544	NA	NA	NA	20,983	NA
New Corporations (no.)	528	504	-4.5%	480	450	6.6%
New Car, Truck, and Motor Home Sales (no.)	5,290	NA	NA	NA	5,107	NA
Agriculture						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	74.40	77.00	3.5%	73.08	69.89	4.6%
Lambs (cwt)	64.70	55.90	-13.6%	58.77	60.79	-3.3%
Milk Wholesale (cwt)	11.80	13.10	11.0%	13.02	11.77	10.6%
Alfalfa Hay, Baled (per ton)	87.00	86.00	-1.1%	84.67	78.42	8.0%
Cattle Slaughtered (live weight) (thous. of lbs.)	51,829	49,499	-4.5%	47,959	46,957	2.1%
Construction						
Total Construction (thous. of dol.) 1	91,659.6	76,479.3	-16.6%	78,272.6	67,343.4	16.2%
Residential	36,608.1	50,119.8	36.9%	38,566.0	33,157.7	16.3%
Nonresidential	37,121.0	15,446.4	-58.4%	23,876.7	21,684.5	10.1%
Additions, Alterations, and Conversions	17,930.6	10,913.1	-39.1%	15,829.9	12,501.3	26.6%
Total Permit Construction (thous. of dol.) 2	99,218.4	81,971.2	-17.4%	83,623.7	73,335.9	14.0%
Residential	39,580.1	51,004.2	28.9%	40,021.2	34,243.8	16.9%
Nonresidential	41,781.5	17,512.7	-58.1%	29,468.8	25,267.5	16.6%
Additions, Alterations, and Repairs	17,856.8	13,454.3	-24.7%	14,133.7	13,824.6	2.2%
New Dwelling Units (no.)	549	685	24.8%	497	470	5.8%
Employment						
Civilian Labor Force (thous.)	773.6	791.6	2.3%	790.6	764.2	3.5%
Total Employed Persons	727.4	750.2	3.1%	757.3	728.1	4.0%
Unemployed Persons	46.2	41.4	-10.4%	33.3	35.7	-6.7%
Percent Total Labor Force	6.0	5.2	-13.3%	4.2	4.7	-10.8%
Employees on Nonagricultural Payrolls (thous. of jobs)	676.0	708.1	4.7%	696.8	667.1	4.5%
Manufacturing	101.2	103.6	2.4%	103.3	100.4	3.0%
Mining	7.7	8.4	9.1%	8.2	8.0	2.3%
Contract Construction	22.9	23.8	3.9%	26.2	25.2	4.1%
Transportation, Communication, and Utilities	39.8	41.9	5.3%	41.3	39.9	3.4%
Wholesale Trade	37.8	39.8	5.3%	38.6	36.2	6.5%
Retail Trade	122.2	130.7	7.0%	129.5	122.3	5.9%
Finance, Insurance, and Real Estate	33.1	33.9	2.4%	33.4	33.2	0.4%
Services 3	163.9	175.4	7.0%	169.5	158.5	7.0%
Federal Government	39.8	40.0	0.5%	40.2	39.4	1.9%
State Government 4	40.4	42.2	4.5%	40.6	38.9	4.5%
Local Government 4	67.2	68.4	1.8%	66.1	65.1	1.6%
Average Weekly Hours						
Manufacturing	39.7	39.6	-0.3%	39.9	40.4	-1.2%
Mining	39.8	42.3	6.3%	41.3	40.9	1.2%
Wholesale Trade	38.7	36.3	-6.2%	35.9	37.6	-4.4%
Retail Trade	26.8	25.7	-4.1%	27.1	27.7	-2.2%
Amount of Unemployment Compensation (thous. of dol.)	7,376.5	6,608.7	-10.4%	4,904.9	5,513.5	-11.0%
Finance						
Savings, Savings and Loan Association (mil. of dol.)	2,227.8	1,896.8	-14.9%	2,104.5	2,373.5	-11.3%
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	54,763.9	59,267.2	8.2%	160,384.5	148,044.1	8.3%
Sales and Use Tax	2,323.9	2,636.3	13.4%	57,617.3	54,185.1	6.3%
Motor Fuel Tax	10,238.3	9,707.5	-5.2%	11,612.0	10,920.7	6.3%
Individual Income Tax	14,442.9	26,560.8	83.9%	53,522.8	52,484.2	2.0%
Corporation Franchise Tax	7,049.2	622.0	-91.2%	4,720.0	6,970.5	-32.3%
Production						
Crude Oil to Refineries (thous. of bbls.)	3,829.5	3,578.1	-6.6%	3,730.5	4,366.5	-14.6%
Crude Oil (thous. of bbls.)	2,469.4	2,401.0	-2.8%	2,336.1	2,647.5	-11.8%
Natural Gas (mil. of cu. ft.)	23,314.4	26,597.9	14.1%	23,504.7	23,071.5	1.9%
Coal (thous. short tons)	1,899.0	2,045.0	7.7%	1,790.3	1,520.3	17.8%
Tourism/Travel						
Air Passengers (total no. on and off)(S.L. Int'l Airport)	1,076,602	1,091,198	1.4%	1,003,760	890,791	12.7%
Highway Traffic Count Across State Lines	36,322	42,678	17.5%	41,637	NA	NA
Transient Room Taxes (thous. of dol.)	-34.7	10.0	-128.8%	564.3	463.6	21.7%
Visits, State, Nat'l. Parks, Monuments (thous.)	607.5	557.4	-8.2%	1,115.4	1,103.6	1.1%
Utilities						
Telephone Lines in Service (Mt. Bell)(Residential)	497,699	NA	NA	NA	491,161	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	184,692	NA	NA	NA	182,405	NA
Electric Customers (Residential)	484,142	489,513	1.1%	485,442	478,365	1.5%
Electric Customers (Commercial)	48,023	49,142	2.3%	48,650	47,176	3.1%
Natural Gas Customers (Residential & Commercial)	474,693	487,490	2.7%	476,631	462,095	3.1%
Natural Gas Customers (Industrial)	559	565	1.1%	567	553	2.6%

Utah Business Statistics

UTAH DATA	Mar. 1989	Mar. 1990	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Davis County						
Non-Ag. Employment (thous.)	54.3r	56.3f	3.7%	55.9	53.9	3.8%
Unemployment Rate	5.0r	4.0	-20.0%	4.0	4.3	-8.3%
Auth. Permit Construction (thous. of dol.)	8,239.5	10,784.7	30.9%	10,745.0	8,886.7	20.9%
New Dwelling Units (no.)	72	120	66.7%	74	66	11.2%
Postal Receipts (thous. of dol.)	574.2	687.7	19.8%	637.0	474.6	34.2%
Electric Customers (Residential)	49,201	49,930	1.5%	49,353	48,267	2.2%
Electric Customers (Commercial)	3,599	3,788	5.3%	3,663	3,518	4.1%
Natural Gas Customers (Residential)	52,029	53,017	1.9%	52,089	50,786	2.6%
Natural Gas Customers (Industrial)	55	56	1.8%	56	53	5.0%
Telephone Lines in Service (Mt. Bell)(Residential)	56,414	NA	NA	NA	55,694	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	11,754	NA	NA	NA	11,509	NA
Salt Lake County						
Non-Ag. Employment (thous.)	345.4r	361.0f	4.5%	357.8	342.9	4.4%
Unemployment Rate	4.9r	4.2	-14.3%	3.9	4.3	-10.6%
Auth. Permit Construction (thous. of dol.)	50,944.9	36,109.6	-29.1%	34,609.2	32,947.5	5.0%
New Dwelling Units (no.)	224	285	27.2%	174	181	-4.1%
Postal Receipts (thous. of dol.)	8,351.1	8,049.3	-3.6%	8,185.2	8,256.4	-0.9%
Electric Customers (Residential)	243,498	246,479	1.2%	243,949	240,641	1.4%
Electric Customers (Commercial)	20,947	21,186	1.1%	20,980	20,561	2.0%
Natural Gas Customers (Residential)	226,642	229,805	1.4%	225,601	221,637	1.8%
Natural Gas Customers (Industrial)	237	245	3.4%	245	238	2.9%
Telephone Lines in Service (Mt. Bell)(Residential)	233,629	NA	NA	NA	231,317	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	112,158	NA	NA	NA	111,461	NA
Utah County						
Non-Ag. Employment (thous.)	84.9r	90.6f	6.7%	87.2	82.8	5.3%
Unemployment Rate	4.5r	3.2	-28.9%	3.9	4.1	-5.1%
Auth. Permit Construction (thous. of dol.)	17,400.5	12,780.7	-26.5%	12,413.5	11,083.4	12.0%
New Dwelling Units (no.)	97	124	27.8%	78	67	15.7%
Postal Receipts (thous. of dol.)	1,415.2	1,735.5	22.6%	1,525.0	1,281.9	19.0%
Electric Customers (Residential)	52,670	53,139	0.9%	53,239	52,557	1.3%
Electric Customers (Commercial)	6,076	6,446	6.1%	6,477	5,997	8.0%
Natural Gas Customers (Residential)	63,245	64,399	2.0%	63,430	62,064	2.2%
Natural Gas Customers (Industrial)	74	73	-1.4%	73	69	5.6%
Telephone Lines in Service (Mt. Bell)(Residential)	66,507	NA	NA	NA	65,123	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	21,183	NA	NA	NA	20,513	NA
Weber County						
Non-Ag. Employment (thous.)	63.7r	65.0f	2.0%	65.2	62.8	3.9%
Unemployment Rate	6.2r	5.2	-16.1%	5.0	5.7	-12.8%
Auth. Permit Construction (thous. of dol.)	5,081.2	9,069.6	78.5%	6,792.5	5,014.0	35.5%
New Dwelling Units (no.)	46	51	10.9%	48	43	11.0%
Postal Receipts (thous. of dol.)	654.0	706.0	8.0%	705.3	685.4	2.9%
Electric Customers (Residential)	54,422	54,724	0.6%	54,358	53,716	1.2%
Electric Customers (Commercial)	5,092	5,099	0.1%	5,042	4,952	1.8%
Natural Gas Customers (Residential)	51,173	51,589	0.8%	50,736	50,027	1.4%
Natural Gas Customers (Industrial)	83	82	-1.2%	84	83	1.6%
Telephone Lines in Service (Mt. Bell)(Residential)	47,150	NA	NA	NA	46,721	NA
Telephone Lines in Service (Mt. Bell)(Nonresidential)	12,140	NA	NA	NA	12,040	NA

1 Obtained from U.S. Bureau of the Census Construction Statistics Division.
2 Obtained from *Utah Construction Report*.
3 Includes services by nonprofit and religious organizations.
4 Includes public schools and college institutions.

NA Not Available
r Revised
f Forecast

Sources:

Personal Income	U.S. Department of Commerce, Bureau of Economic Analysis.
New Corporations	Utah Secretary of State.
New Car and Truck Sales	Utah State Tax Commission, Economic and Statistical Unit.
Agriculture	U.S. Department of Agriculture, Utah Agricultural Statistics Service, *Utah Agriculture*.
Construction Data	U.S. Bureau of the Census and Bureau of Economic and Business Research, *Utah Construction Report*.
Employment Data	Utah Department of Employment Security.
Savings Information	Utah Savings and Loan Institutions.
Tax Collections	Utah State Tax Commission.
Crude Oil Production	Utah Department of Oil, Gas, and Mining and Area Oil Refineries.
Natural Gas Production	Utah Department of Oil, Gas, and Mining.
Coal Production	U.S. Department of Energy.
Air Passengers	Salt Lake City International Airport, Statistics Division.
Highway Traffic Count	Utah Department of Transportation.
Visits to State and National Parks and Monuments	U.S. Forest Service, Utah State Parks and Recreation Department.
Utilities Data	Cooperating Utah Utility Companies.
Postal Receipts	Postmasters in Davis, Salt Lake, Utah, and Weber Counties.

Bureau of Economic and Business Research
University of Utah
Salt Lake City, Utah 84112
Return Postage Guaranteed
(Non-Profit Organization)

Non-Profit Org.
U.S. Postage Paid

Permit No. 1529
Salt Lake City, Utah

NATIONAL DATA	Mar. 1989	Mar. 1990	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
U.S. Gross National Product (seasonally adjusted) (bil.) (qtly.)	5,113.1	5,433.1	6.3%	5,314.0	4,974.0	6.8%
Total Personal Income (seasonally adjusted) (bil. of dol.)	4,360.7	4,674.8	7.2%	4,507.6	4,156.8	8.4%
Industrial Production Indexes (seasonally adjusted) (1987=100)	107.7	109.0	1.2%	108.2	106.4	1.7%
Total Non-Farm Bus. Expend. for New Plants & Equip. (bil.) (qtly.)	459.5	500.3	8.9%	485.7	441.2	10.1%
Net Exports of Goods and Services (bil.) (qtly.)	-54.0	-32.0	-40.7%	-41.6	-66.5	-37.4%
Exports of Goods and Services (bil.) (qtly.)	605.6	664.7	9.8%	640.7	568.7	12.7%
Imports of Goods and Services (bil.) (qtly.)	659.6	696.6	5.6%	682.3	635.2	7.4%
Index of Leading Indicators (1982=100)	144.7	145.2	0.3%	144.7	144.0	0.5%
Price Indexes						
Consumer Price Indexes (not seasonally adjusted) (1982-84=100)						
CPI-U (All Urban Consumers) All Items	122.3	128.7	5.2%	125.6	119.7	4.9%
CPI-U (All Urban Consumers) Food & Beverages	123.3	131.2	6.4%	126.9	119.9	5.8%
CPI-U (All Urban Consumers) Housing	121.5	126.8	4.4%	124.3	119.5	4.0%
CPI-U (All Urban Consumers) Transportation	111.9	116.8	4.4%	115.5	109.9	5.1%
CPI-U (All Urban Consumers) Medical Care	146.1	158.7	8.6%	152.3	141.1	8.0%
CPI-U (All Urban Consumers) Energy	89.8	95.5	6.3%	96.1	89.9	6.9%
Producer Price Index (not seasonally adjusted) (1982=100)						
Producer Price Index, All Finished Goods	112.2	117.0	4.3%	114.9	109.3	5.1%
GNP Price Deflator (1982=100) (qtly.)	124.5	129.6	4.1%	127.6	122.6	4.1%
Civilian Employment (seasonally adjusted)						
Total Civilian Labor Force (mil.)	123.2	124.8	1.3%	124.2	122.2	1.6%
Total Civilian Employment (mil.)	117.0	118.3	1.1%	117.6	115.6	1.7%
Unemployment Rate	5.0	5.2	4.0%	5.3	5.4	-1.7%
Construction						
Total Construction (mil. of dol.)	21,945.1	20,919.3	-4.7%	20,890.7	21,695.0	-3.7%
Residential	10,506.5	9,940.0	-5.4%	9,789.6	10,191.3	-3.9%
Nonresidential	7,100.0	7,085.7	-0.2%	7,331.2	7,542.0	-2.8%
Non-Building	4,338.6	3,893.6	-10.3%	3,769.9	3,961.7	-4.8%
New Dwelling Units (no.)	119,575	108,118	-9.6%	109,378	120,972	-9.6%
Interest Rates						
Federal Funds Rate	9.85	8.28	-15.9%	8.92	8.26	7.9%
Short Term (3-month Treasury bill rate)	8.83	7.87	-10.9%	7.92	7.37	7.6%
Long Term (30-year Treasury bond yields)	9.33	8.74	-6.3%	8.44	9.12	-7.4%
Prime Rates Charged by Banks on Short-term Business Loans (avg.)	11.50	10.00	-13.0%	10.64	9.91	7.3%
Mortgage Rates (new homes)	9.63	9.70	0.7%	9.80	8.98	9.2%

Sources: *Survey of Current Business*, U.S. Department of Commerce: U.S. Gross National Product, Total National Personal Income, Industrial Production Indexes, Total Non-Farm Business Expenditures for New Plants and Equipment, Export/Import Data, Index of Leading Indicators, GNP Price Deflator, National Employment Data, Interest Rates, New Home Mortgage Rates.

F.W. Dodge Report, McGraw-Hill: National Construction Data.

Utah Labor Market Report, Utah Department of Employment Security: Consumer Price Indexes, Producer Price Index.

Chase N. Peterson, *President, University of Utah*
John Seybolt, *Dean, Graduate School of Business*

BUREAU OF ECONOMIC AND BUSINESS RESEARCH

R. Thayne Robson, Director
Frank C. Hachman, Associate Director

BEBR
graduate school of business
bureau of economic and business research
university of utah

STAFF OF THE BUREAU OF ECONOMIC AND BUSINESS RESEARCH

Office Staff

Mari Lou Wood, Office Manager
Cathy Crawford, Administrative Assistant
Diane Gillam, Associate Accountant
Lee Carberry, Administrative Secretary
Gaylene Roethel, Administrative Secretary

Senior Research Economists

Boyd L. Fjeldsted

Publication Staff

James B Peters, Graphics

Research Analysts, Research Assistants and Programmers

Terry Brewer
Jan Crispin-Little
Jade Crittenden
Michael Fordham
Paul Jolliff
Cindy Lewis
Gary Ricks
Austin Sargent
James Wood